

SEQUENCE LISTING

<110> Fei, Yang
 Sun, Yongming
 Recipon, Herve
 Macina, Roberto A
 DIADEXUS LLC

<120> A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING,
 IMAGING AND TREATING LUNG CANCER

<130> DEX-0038

<140>

<141>

<150> 06/095,233

<151> 1998-08-04

<160> 6

<170> PatentIn Ver. 2.0

<210> 1

<211> 174

<212> DNA

<213> Homo sapiens

<400> 1

cataattggg catactgtaa tattctcaga gatctatatg taaaatttgt atagtcataag 60
 ttttatgggtg ggttataatt gtctctagta gattctgtga gtctaaaaca ataggaagac 120
 tgtgctccat tagcttgtca tgcaattttt aactttgaca atagactttt ttg 174

<210> 2

<211> 276

<212> DNA

<213> Homo sapiens

<400> 2

aagaggagtc tggaggtagg gtccaagggc caccagaccag tttgggctgc tggagggggg 60
 cctggcaagg agggctctcg gggaagcacc tgtggggggtc tgcttcctga cccaggggag 120
 ctagaggcct ccctccctcc agggccccca agccaggctg agccagccgc taggggcacg 180
 gagcagtgcc caccttgccg ccagtgtggc cagagcttcg gccggaagga gctcagtgcg 240
 ccgcaccagc gcgtgcacg tggcccccg cctttc 276

<210> 3

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> unsure

<222> (279)..(280)

<220>

<221> unsure

<222> (272)

<220>

<221> unsure

<222> (311)

<400> 3

```
gtagcttca caccttcggc agcaggaggc cggcagcttc tcgcaggcgg cagggcgggc 60
ggccaggatc atgtccacca ccacatgccca agtgggtggc ttctctctgt ccctctggg 120
gctggccggc tgcacgcggc ccaccgggat ggacatgtgg agcaccagg acctgtacga 180
caaccccgtc acctccgtgt tccagtacga agggctctgg aggaagctgg tgaggcagag 240
ttcaggcttc accgaatgca ggccctattt caccatccnn gnacttccag ccatgtctga 300
ggcagtgcga nccctgatga tcgtaggcat cgtctctggg gccattg 347
```

<210> 4

<211> 1016

<212> DNA

<213> Homo sapiens

<400> 4

```
acggggagag agaggagacc aggacagctg ctgagacctc taagaagtcc agataactaag 60
agcaaagatg tttcaaactg ggggcctcat tgtcttctac gggctgttag cccagaccat 120
ggcccagttt ggaggcctgc ccgtgcccct ggaccagacc ctgcccttga atgtgaatcc 180
agccctgccc ttgagtccca caggctcttg aggaagcttg acaaatgcc tcagcaatgg 240
cctgtgtctt gggggcctgt tgggcattct ggaaaacctt ccgctcctgg acatcctgaa 300
gcctggagga ggtacttctg gtggccctct tgggggactg cttggaaaag tgacgtcagt 360
gattcctggc ctgaacaaca tcattgacat aaaggctact gacccccagc tgctggaact 420
tggccttggt cagagccctg atggccaccg tctctatgtc accatccctc tcggcataaa 480
gctccaagtg aatacgcccc tggctcgtgc aagtctgttg aggtggctg tgaagctgga 540
catcactgca gaaatcttag ctgtgagaga taagcaggag aggatccacc tggctcctgg 600
tgactgcacc cattccctg gaagcctgca aatttctctg cttgatggac ttggccccct 660
ccccattcaa ggtcttctgg acagcctcac agggatcttg aataaagtcc tgctgagtt 720
ggttcagggc aacgtgtgcc ctctggcaca tgagggtctc agaggcttg acatcaccct 780
ggtgcatgac attgttaaca tgctgatcca cggactacag tttgtcatca aggtctaagc 840
cttcaggaa ggggctggcc tctgctgagc tgcttcccag tgctcacaga tggtggccc 900
atgtgctgga agatgacaca gttgccttct ctccgaggaa cctgccccct ctctttccc 960
accaggcgtg tgtaacatcc catgtgcctc acctaatata atggctcttc ttctgc 1016
```

<210> 5

<211> 597

<212> DNA

<213> Homo sapiens

<400> 5

```

tggctcgtga gtcccttggg catcccgtc ctgggcaggt caccaatagg tccccgcagt 60
tcccaatgga actgttccag tctccccga ggctccact tcaacctgtc tgtgtctgcc 120
caggcctgga gttgtgtgac cctccccacc gctggcctt ctccatgggg gctggcctt 180
tctcggtggt gggcaccctg ctgctgccg gctggctgc gcttgtgag gactggcgtc 240
ttctgcaggg gctgggtgcc ctgatgagt gactcttgc gctcttttg gggaggaggt 300
ggaggagacc gtgggcatcc tcaccaacgc tgcaggttc cgccctgtt ccccgagtct 360
ccctgctggc tgctggccac aggtcaggt gctcgagcca ggaagatcct gtggcgctt 420
gcagaagcca gtggcgtggg ccccggggac agttccttg aggagaactc cctggctaca 480
gagctgacca tgctgtctgc acggagcccc cagccccgt accactcccc actggggctt 540
ctgcgtaccc gagtacactg gagaaacggg cttatcttg gcttcagctc gctgggt 597

```

<210> 6

<211> 256

<212> PRT

<213> Homo sapiens

<400> 6

```

Met Phe Gln Thr Gly Gly Leu Ile Val Phe Tyr Gly Leu Leu Ala Gln
  1              5              10              15

Thr Met Ala Gln Phe Gly Gly Leu Pro Val Pro Leu Asp Gln Thr Leu
      20              25              30

Pro Leu Asn Val Asn Pro Ala Leu Pro Leu Ser Pro Thr Gly Leu Ala
      35              40              45

Gly Ser Leu Thr Asn Ala Leu Ser Asn Gly Leu Leu Ser Gly Gly Leu
      50              55              60

Leu Gly Ile Leu Glu Asn Leu Pro Leu Leu Asp Ile Leu Lys Pro Gly
      65              70              75              80

Gly Gly Thr Ser Gly Gly Leu Leu Gly Gly Leu Leu Gly Lys Val Thr
      85              90              95

Ser Val Ile Pro Gly Leu Asn Asn Ile Ile Asp Ile Lys Val Thr Asp
      100             105             110

Pro Gln Leu Leu Glu Leu Gly Leu Val Gln Ser Pro Asp Gly His Arg
      115             120             125

Leu Tyr Val Thr Ile Pro Leu Gly Ile Lys Leu Gln Val Asn Thr Pro
      130             135             140

```

Leu Val Gly Ala Ser Leu Leu Arg Leu Ala Val Lys Leu Asp Ile Thr
145 150 155 160

Ala Glu Ile Leu Ala Val Arg Asp Lys Gln Glu Arg Ile His Leu Val
165 170 175

Leu Gly Asp Cys Thr His Ser Pro Gly Ser Leu Gln Ile Ser Leu Leu
180 185 190

Asp Gly Leu Gly Pro Leu Pro Ile Gln Gly Leu Leu Asp Ser Leu Thr
195 200 205

Gly Ile Leu Asn Lys Val Leu Pro Glu Leu Val Gln Gly Asn Val Cys
210 215 220

Pro Leu Val Asn Glu Val Leu Arg Gly Leu Asp Ile Thr Leu Val His
225 230 235 240

Asp Ile Val Asn Met Leu Ile His Gly Leu Gln Phe Val Ile Lys Val
245 250 255

SEQUENCE LISTING

<110> Fei, Yang
 Sun, Yongming
 Recipon, Herve
 Macina, Roberto A
 DIADEXUS LLC

<120> A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING,
 IMAGING AND TREATING LUNG CANCER

<130> DEX-0038

<140>

<141>

<150> 06/095,233

<151> 1998-08-04

<160> 6

<170> PatentIn Ver. 2.0

<210> 1

<211> 174

<212> DNA

<213> Homo sapiens

<400> 1

cataattggg catactgtaa tattctcaga gatctatatg taaaatttgt atagtcataag 60
 ttttatggtg gggtataatt gtctctagta gattctgtga gtctaaaaca ataggaagac 120
 tgtgctccat tagcttgtca tgcaattttt aactttgaca atagactttt ttg 174

<210> 2

<211> 276

<212> DNA

<213> Homo sapiens

<400> 2

aagaggagtc tggaggtagg gtccaagggc cagcagccag tttgggctgc tggagggggg 60
 cctggcaagg agggctctcg gggaagcacc tgtgggggtc tgcttcctga cccagggag 120
 cttagaggcct cctccctcc agggcccccag agccaggctg agccagccgc taggggcacg 180
 gagcagtgcc caccttgccg ccagtgtggc cagagcttcg gccggaagga gctcagtgcg 240
 ccgcaccagc gcgtgcacgc tggcccccg cctttc 276

<210> 3

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> unsure

<222> (279) .. (280)

<220>

<221> unsure

<222> (272)

<220>

<221> unsure

<222> (311)

<400> 3

```

gttagcttca caccttcggc agcaggaggg cggcagcttc tcgcaggcgg cagggcgggc 60
ggccaggatc atgtccacca ccacatgcca agtggtggcg ttctctctgt ccctctggg 120
gctggccggc tgcacgcggc ccaccgggat ggacatgtgg agcaccagg acctgtacga 180
caaccccgtc acctccgtgt tccagtacga agggctctgg aggagctgcg tgaggcagag 240
ttcaggcttc accgaatgca ggccctatct caccatccnn gnacttccag ccctgctgca 300
ggcagtgcga nccctgatga tcgtaggcat cgtctctgggt gccattg 347

```

<210> 4

<211> 1016

<212> DNA

<213> Homo sapiens

<400> 4

```

acggggagag agaggagacc aggacagctg ctgagacctc taagaagtcc agataactaag 60
agcaaagatg tttcaaactg ggggcctcat tgtcttctac gggctgttag cccagaccat 120
ggcccagttt ggaggcctgc ccgtgcccct ggaccagacc ctgcccttga atgtgaatcc 180
agccctgccc ttgagtccca caggtcttgc aggaagcttg acaaatgccc tcagcaatgg 240
cctgctgtct gggggcctgt tgggcattct ggaaaacctt ccgctcctgg acatcctgaa 300
gcctggagga ggtacttctg gtggcctcct tgggggactg cttggaaaag tgacgtcagt 360
gattcctggc ctgaacaaca tcattgacat aaaggtcact gacccccagc tgctggaact 420
tggccttgtg cagagccctg atggccaccg tctctatgtc accatcctc tcggcataaa 480
gctccaagtg aatacgcccc tggtcggtgc aagtctgttg aggtggtg tgaagctgga 540
catcactgca gaaatcttag ctgtgagaga taagcaggag aggatccacc tggctccttg 600
tgactgcacc cattcccctg gaagcctgca aatttctctg cttgatggac ttggccccct 660
ccccattcaa ggtcttcttg acagcctcac agggatcttg aataaagtcc tgctgagtt 720
ggttcagggc aacgtgtgcc ctctgggtcaa tgagggttctc agaggcttgg acatcacct 780
ggtgcatgac attgttaaca tgctgatcca cggactacag tttgtcatca aggtctaagc 840
cttccaggaa ggggctggcc tctgctgagc tgcttcccag tgctcacaga tggctggccc 900
atgtgctgga agatgacaca gttgccttct ctccaggaa cctgccccct ctcttctcc 960
accaggcgtg tgtaacatcc catgtgcctc acctaatata atggctcttc ttctgc 1016

```

<210> 5

<211> 597

<212> DNA

<213> Homo sapiens

<400> 5

```

tggctcgtga gtcccttggg catcccgtc ctgggcaggt caccaatagg tccccgcagt 60
tcccaatgga actgttccag tcctccccga ggctccact tcaacctgtc tgtgtctgcc 120
caggcctgga gttgtgtgac cctccccacc gcctggcctt ctccatgggg gctggccttt 180
tctcggtggt gggcaccctg ctgctgcccg gcctggctgc gcttgtgcag gactggcgtc 240
ttctgcaggg gctgggtgcc ctgatgagtg gactcttgct gctcttttgg gggaggaggt 300
ggagggagcc gtgggcatcc tcaccaacgc tgcaggttcc cggccctgtt ccccgagtct 360
ccctgctggc tgctggccac aggtcaggta gctcgagcca ggaagatcct gtggcgcttt 420
gcagaagcca gtggcgtggg ccccggggac agttccttgg aggagaactc cctggctaca 480
gagctgacca tgctgtctgc acggagcccc cagccccggt accactcccc actggggctt 540
ctgcgtaccc gagtcacctg gagaaacggg cttatcttgg gcttcagctc gctgggtt 597

```

<210> 6

<211> 256

<212> PRT

<213> Homo sapiens

<400> 6

```

Met Phe Gln Thr Gly Gly Leu Ile Val Phe Tyr Gly Leu Leu Ala Gln
  1              5              10              15

```

```

Thr Met Ala Gln Phe Gly Gly Leu Pro Val Pro Leu Asp Gln Thr Leu
          20              25              30

```

```

Pro Leu Asn Val Asn Pro Ala Leu Pro Leu Ser Pro Thr Gly Leu Ala
          35              40              45

```

```

Gly Ser Leu Thr Asn Ala Leu Ser Asn Gly Leu Leu Ser Gly Gly Leu
          50              55              60

```

```

Leu Gly Ile Leu Glu Asn Leu Pro Leu Leu Asp Ile Leu Lys Pro Gly
          65              70              75              80

```

```

Gly Gly Thr Ser Gly Gly Leu Leu Gly Gly Leu Leu Gly Lys Val Thr
          85              90              95

```

```

Ser Val Ile Pro Gly Leu Asn Asn Ile Ile Asp Ile Lys Val Thr Asp
          100              105              110

```

```

Pro Gln Leu Leu Glu Leu Gly Leu Val Gln Ser Pro Asp Gly His Arg
          115              120              125

```

```

Leu Tyr Val Thr Ile Pro Leu Gly Ile Lys Leu Gln Val Asn Thr Pro
          130              135              140

```

Leu Val Gly Ala Ser Leu Leu Arg Leu Ala Val Lys Leu Asp Ile Thr
145 150 155 160

Ala Glu Ile Leu Ala Val Arg Asp Lys Gln Glu Arg Ile His Leu Val
165 170 175

Leu Gly Asp Cys Thr His Ser Pro Gly Ser Leu Gln Ile Ser Leu Leu
180 185 190

Asp Gly Leu Gly Pro Leu Pro Ile Gln Gly Leu Leu Asp Ser Leu Thr
195 200 205

Gly Ile Leu Asn Lys Val Leu Pro Glu Leu Val Gln Gly Asn Val Cys
210 215 220

Pro Leu Val Asn Glu Val Leu Arg Gly Leu Asp Ile Thr Leu Val His
225 230 235 240

Asp Ile Val Asn Met Leu Ile His Gly Leu Gln Phe Val Ile Lys Val
245 250 255

09762028-054001